

PUSHPIT

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PROFILE

MSc Advanced Data Science student with strong skills in Python, Machine Learning, and data-driven problem solving. Former Software Developer at Cognizant with experience in automation, APIs, and cloud solutions. Currently working at Sainsbury's, building teamwork, adaptability, and customer service skills alongside academic and technical growth.

TECHNICAL SKILLS

- **Languages & Frameworks:** Python, JavaScript, Node JS, Express JS, EJS, .NET Framework, C#, MVC, Entity Framework, Flask, C++
- **Data Science Toolkit:** Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn, Plotly, Dash, EDA, Model Building and Deployment
- **ML & AI:** Linear Regression, Logistic Regression, Random Forest, XgBoost, KNN, SVM, Supervised/Unsupervised ML
- **Databases:** SQL Server, MySQL, PostgreSQL, SQLite
- **Web & UI:** HTML, CSS, JavaScript, Bootstrap, jQuery, REST APIs, SOAP Web-Services
- **Cloud & DevOps:** AWS Services, Azure, Cloud Computing, Git, GitHub
- **Systems & Tools:** Jupyter Notebooks, Linux OS, VS Code, Visual Studio 2022, GitHub Co-pilot, Postman, MS Office Suite

EXPERIENCE

Sainsbury's Supermarkets

Exeter, UK

Retail Assistant - Food

Oct 2025 - Present

- Helped restock shelves efficiently to maintain product availability and ensured a clean, well-organized shop floor
- Assisted customers in locating products and provided friendly, helpful service to improve their shopping experience
- Coordinated with Uber Eats and Deliveroo drivers, verifying and handing over the correct parcels for timely order fulfilment
- Managed waste responsibly by sorting and disposing of plastics, cardboards and other materials in designated recycle bins
- Performed dressing and tidied aisles to create visually appealing displays that made items easy for customers to find

Cognizant Technology Solutions

Gurgaon, India

Programmer Analyst – Fulfilment IT Systems

July 2023 - July 2025

- Designed Adaptive Cards and built .NET Core Web-API to render skill details of associates on MS Teams, improving user experience
- Rebuilt key components of MCA app for Workday & MySkills integration, including UI enhancements and a complete backend overhaul
- Developed and migrated legacy WCF services to APIGEE by creating new ASP.NET Web APIs, resulting in a 30% improvement.
- Automated resume extraction through a batch-processing system that retrieved employee profiles from a CMS and placed them in a SFTP
- Ensured high-quality delivery by following SSDLC best practices via Azure DevOps for timely development, testing and impact analysis

Cognizant Technology Solutions

Gurgaon, India

Intern – Certified Skill Development Academy

Mar 2023 - July 2023

- Gained foundational knowledge of software engineering principles and SDLC models, like Agile, Waterfall and others
- Used Git for version control, branching, merging, rebasing and other core operations for collaborative development
- Built responsive web interfaces using frontend technologies like HTML, CSS, JavaScript, jQuery and Bootstrap
- Developed C# apps using OOP concepts such as inheritance, polymorphism and implemented data access using ADO.NET
- Queried and manipulated in ASP.NET MVC applications using LINQ query syntax and extension methods

Brainnest

Gurgaon, India

Trainee – Python Developer

Feb 2023 - Mar 2023

- Learnt Python fundamentals including datatypes and built-in data-structures like lists, tuples, dictionaries and applied them in programs
- Created hands-on projects such as Hangman and a Weather App using Tkinter and the OpenWeatherMapAPI
- Explored intermediate concepts like decorators, generators, classes, regex, lambda functions and worked with text & csv files
- Implemented unit testing using Python's unittest framework to validate functionality across multiple test cases
- Collaborated in a structured training environment, completing weekly coding tasks to strengthen problem solving skills

- Designed secure, high-performing, cost-effective, highly available & scalable systems using AWS services according to AWS best practices defined in AWS Well-Architected Framework and Cloud Adoption Framework
- Learnt various AWS services including but not limited to EC2, VPC, IAM, CloudTrail, Trusted Advisor, CloudFormation and more
- Gained exposure to data mining and explored different AWS database services like RDS and Dynamo DB. Learnt Python basics and applied it with server less services like AWS Lambda
- Gained knowledge on different areas like deployment automation using Cloud Formation, Monitoring & Logging using CloudWatch, CloudTrail, DevOps process like CI/CD, Configuration Management tools like GIT
- Worked in multiple ways to interact with AWS Services like CLI and Management Console

EDUCATION

- MSc Advanced Data Science, University of Exeter, Exeter2025 - 2026
- B. Tech Civil Engineering, Manipal Institute of Technology, Manipal (8.47 CGPA)2017 - 2021
- 12th Board CBSE, Army Public School No.2, Roorkee (84.8%)2016 - 2017

PROJECTS

The Cocktail Lounge, Node-Express JS Web-ApplicationApr 2025

- Built a responsive cocktail-discovery platform for enthusiasts using Node.js, Express, EJS templates and deployed on Render
- Integrated TheCocktailDB API via Axios to retrieve drink details, images, ingredients and recipes
- Added an hourly refresh and caching layer to reduce API calls and improve load performance

PK Reflections, Node-Express JS Web-ApplicationDec 2024

- Developed a personal blogging site using Express and EJS to publish and manage written content
- Enhanced the writing experience with a fully featured TinyMCE editor for rich text formatting
- Implemented CRUD operations for posts and built a contact form that forwards reader messages via email.

To-do List Web-Application, ASP.NET MVC ApplicationJun 2023

- Created a productivity-focused MVC application, enabling users to organise tasks and track progress.
- Leveraged Entity Framework (code-first) for migrations and SQL Server for secure data storage with admin oversight.
- Added features for task scheduling, image attachments, and full CRUD capabilities.

Flight Fare Prediction, Machine Learning - RegressionJun 2021

- Designed a Flask-based ML web app that predicts flight prices using a Kaggle dataset.
- Performed data cleaning, feature engineering, and visual analysis with Pandas, NumPy, and Matplotlib.
- Trained a Random Forest model achieving an MAE of 1229.71 and deployed the solution on Heroku.

Bank Note Authentication, Machine Learning - ClassificationJun 2021

- Built a Flask + Flasgger application to classify banknotes as genuine or counterfeit.
- Conducted preprocessing and exploratory analysis using Pandas and Seaborn on Kaggle-sourced data.
- Achieved 99.75% accuracy using an SVM classifier, containerised the app with Docker, and deployed on Heroku.

CERTIFICATIONS

- Python Programming, ExCode, University of Exeter - ExCode BootcampNov 2025
- IBM Data Science Professional Certificate, IBM - Coursera, Online CertificationSep 2025
- Azure Fundamentals, Microsoft, Online CertificationSep 2023
- AWS Cloud Practitioner, AWS, Online CertificationDec 2021

ACHIEVEMENTS

- Exeter Excellence Scholarship - £3000Mar 2025
- IELTS Academic - 8.0 Band (L-9.0, R-8.5, W-8.0, S-7.0)Jan 2025